



Section E

Advanced Reactors Transition

PROJECT MANAGERS

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SUMMARY

The Advanced Reactors Transition (ART) Program, WBS 1.12.1, PBS RL-TP11, consists of the Nuclear Energy (NE) Legacies and the 309 Building/Plutonium Recycle Test Reactor (PRTR) activities.

NOTE: Cost/Schedule data contained herein is as of June 30, 2001. All other information is as of July 26, 2001 unless otherwise noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that no milestones are due.

NOTABLE ACCOMPLISHMENTS

NE Legacies Deactivation - The first phase of electrical, instrumentation, and insulation removal on the 337B sodium loop is complete. This phase removed insulation and electrical/instrument (trace heat/thermocouples, etc.) from piping in the cold trap/sodium sampling room, and the piping in the 3718-M tank cell.

309 Facility Fuel Transfer Pit - Cleanout of the sludge on the fuel transfer pit floor was completed. The application of a radiological fixative was completed.

SAFETY

Safety data for ART is included in other project reports.

ISMS STATUS

Work continued on improving the work process through enhanced training and planning efforts to improve work packages. These activities are part of the ISMS Sustain and Maintain Process.

CONDUCT OF OPERATIONS

Conduct of operations data for ART is included in a separate FFTF report.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

No breakthroughs or opportunities for improvement are identified at this time.

UPCOMING ACTIVITIES

- The second phase of electrical, instrumentation, and insulation removal on the 337B sodium loop will be initiated in July.
- Stabilize the 309 Building / PRTR Fuel Transfer Pit by August 20, 2001.

MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	0	0	0
RL	0	0	0	0	0	1	0	1
Total Project	0	0	0	0	0	1	0	1

PERFORMANCE OBJECTIVES

Nothing to report at this time.

FY 2001 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

Green

		FYTD								
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	PEM	EAC
PBS TP11	Advanced									
WBS 1.12	Reactors	\$ 1,341	\$ 1,200	\$ 802	\$ (141)	-11%	\$ 398	33%	\$ 1,905	\$ 1,905
	Transition									
	Total	\$ 1,341	\$ 1,200	\$ 802	\$ (141)	-11%	\$ 398	33%	\$ 1,905	\$ 1,905

Authorized baseline as per the Integrated Planning Accountability, and Budget System (IPABS) – Project Execution Module (PEM).
 ACWP reflects only cost in WBS 1.12. \$1.7M of cost in WBS 2.1.1.1.4.1 is not included as it is not ART cost.

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$0.1 million (11 percent) unfavorable schedule variance was due to additional planning time and fieldwork complications in the cleanout of the PRTR Fuel Transfer Pit.

The \$0.4 million (33 percent) favorable cost variance was due to lower than anticipated corrective maintenance costs in NE Legacies and the 309 Facility.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$0.1M)

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Description and Cause: Additional planning time and fieldwork complications caused delays in the cleanout of the Fuel Transfer Pit.

Impact: There is no direct adverse impact on the completion of planned work at the 309 Facility by the end of the fiscal year.

Corrective Action: The fuel transfer pit cleanout has been rescheduled to complete by August 20, 2001. The schedule variance will be carried until completion of this activity.

Cost Variance Analysis: (\$0.4M)

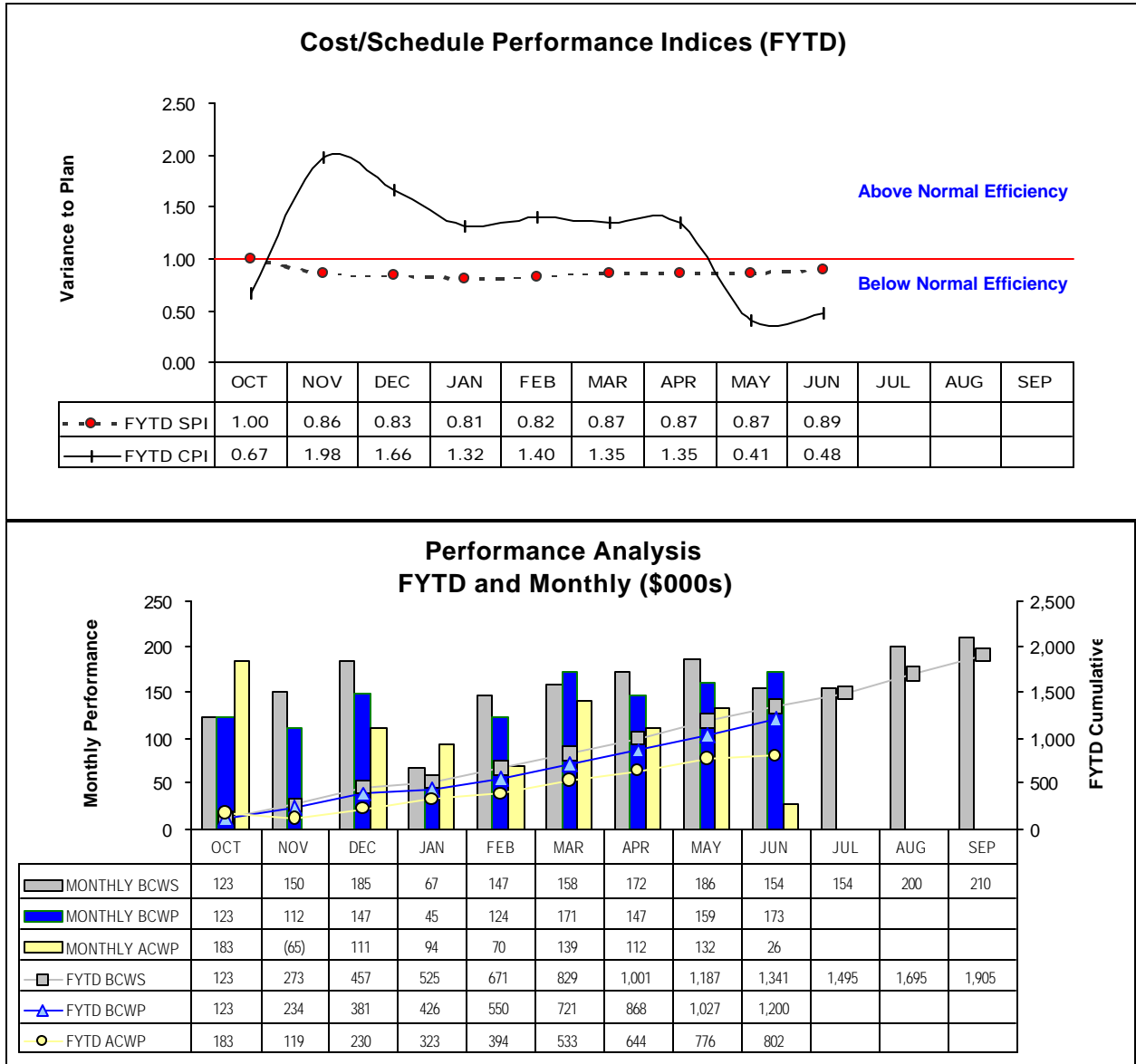
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DESCRIPTION AND CAUSE: Corrective maintenance is level-loaded though the year. Requirements for corrective maintenance have been minimal to date.

Impact: There is no project impact at this time.

Corrective Action: None required; continuing to monitor.

COST / SCHEDULE PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT

FUNDS VS SPENDING FORECAST (\$000)

		Funds	FYSF	Variance
1.12	Advanced Reactor Transition	\$ 3,483	\$ 3,180	\$ 303
	TP11			
	Total	\$ 3,483	\$ 3,180	\$ 303

ISSUES

Technical, Regulatory, External, and DOE Issues and DOE Requests

Issue: Nothing to report at this time.

Impacts: None.

Corrective Action: None at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN	BCR TITLE	FY01 COST IMPACT \$000	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
ART-2001-002	12/15/2000	MYWP Phase 2 - FY 2002 and Out Years	-0-	X	X				Draft
ADVANCE WORK AUTHORIZATIONS									
		Nothing to report at this time.							

KEY INTEGRATION ACTIVITIES

Nothing to report at this time.